

REMARKS

This Amendment is in response to the Office Action dated August 6, 2007, in which claims 1 and 4-22 were rejected. With this Amendment, claims 1 and 18 have been amended. Claims 2 and 3 were previously canceled. The remaining claims are unchanged in the Application. Applicant respectfully requests reconsideration and allowance of all pending claims 1 and 4-22.

In section 2 of the Office Action, claims 1-22 were rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. With this Amendment, claims 1 and 18 have been amended in accordance with suggestions from the Examiner's Supervisor Richard Hjerpe. Applicant believes that the claim amendments obviate this rejection and therefore the rejection should be withdrawn.

In section 4 of the Office Action, claims 1, 5-6, 8-13, 15-16 and 18-20 were rejected under §103(a) as being unpatentable over Yasukawa et al., U.S. Patent No. 6,320,559 in view of Schoolman, U.S. Patent No. 5,281,957 and further in view of Mann, U.S. Patent No. 6,307,526. In section 5 of the Office Action, claim 7 was rejected under §103(a) as being unpatentable over Yasukawa in view of Schoolman, in view of Mann and further in view of Preston, U.S. Patent No. 6,094,283. In section 6 of the Office Action, Claim 14 was rejected under §103(a) as being unpatentable over Yasukawa et al. and Schoolman, in view of Mann, and further in view of Hori et al., U.S. Patent No. 5,072,209, hereinafter Hori. In section 7 of the Office Action, claim 17 was rejected under §103(a) as being unpatentable over Yasukawa in view of Schoolman, in view of Mann, and further in view of Kato et al., U.S. Patent No. 5,497,170. In section 8 of the Office Action, claims 4 and 21-22 were rejected under §103(a) as being unpatentable over Yasukawa in view of Schoolman and Mann and further in view of Barkan, U.S. Patent No. 5,656,804.

Claim 1 includes "a pair of spectacles adapted to be worn on the face of a person, the pair of spectacles having a first lens and a second lens; and a projection unit." (Emphasis Added.)

Applicant respectfully points out that “projection” is a phenomenon that is outward of something. (See attached definitions for projection.) Further, “unit” is defined as a single undivided whole. (See attached definitions for unit.) Thus, by definition, and in the context of the specification, a “Projection Unit” is a single device that projects/displays an image outside of itself (for example, on a wall (see page 3, line 26, of the specification)). None of the cited references, taken individually or in combination, show or suggest a “Projection Unit.”

In Yasukawa, Schoolman, and Mann, any device worn by the user includes a physical display component for the user to see an image that is within the physical display component, which is contrary to a “Projection Unit.” The remaining cited references (Preston, Hori, Kato and Barkan) do not overcome the deficiencies of Yasukawa, Schoolman, and Mann.

In summary, none of the cited references, taken individually or in combination, teach or suggest “a pair of spectacles adapted to be worn on the face of a person, the pair of spectacles having a first lens and a second lens; and a projection unit,” as required by claim 1. Therefore, claim 1 is non-obvious and allowable over the cited art.

Independent claim 18 has elements similar to that of independent claim 1. Thus, for the same reasons as independent claim 1, Applicant submits that independent claim 18 is allowable as well. Moreover, Applicant respectfully submits that the dependent claims are also allowable at least by virtue of their dependency, either directly or indirectly, from the allowable independent claims. Further, the dependent claims set forth numerous elements not shown or suggested in the cited references. For example, claim 21 includes “the controller is adapted to provide a shutdown control signal to the receiver when motion detected by the motion sensor is found to be above a predetermined threshold,” and claim 22 includes “the controller is adapted to provide a startup control signal to the receiver when motion detected by the motion sensor is found to be below a predetermined threshold.”

The Office Action suggests that Barkan (column 11, lines 20-35) shows the above elements of claims 21 and 22. Applicant disagrees for the following reasons.

The cited language of Barkan (column 11, lines 20-35) describes specific components of Barkan’s automatic activation mechanism. However, the immediately preceding

section of Barkan (column 11, lines 10-20) describes the essence of the activation mechanism, which is a mechanism for automatically turning “off” a terminal when the terminal is stationary, and automatically turning the terminal “on,” when it is moved. This is contrary to the requirements of claim 21, and claim 22.

In view of the foregoing, Applicant respectfully requests reconsideration and allowance of all pending claims 1 and 4-22. Favorable action upon all claims is solicited.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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Definitions of **projection** on the Web:

- a prediction made by extrapolating from past observations
- the projection of an image from a film onto a screen
- project: a planned undertaking
- any structure that branches out from a central support
- any solid convex shape that juts out from something
- (psychiatry) a defense mechanism by which your own traits and emotions are attributed to someone else
- the acoustic phenomenon that gives sound a penetrating quality: "our ukuleles have been designed to have superior sound and projection"; "a prime ingredient of public speaking is projection of the voice"
- the representation of a figure or solid on a plane as it would look from a particular direction
- protrusion: the act of projecting out from something
- expulsion: the act of expelling or projecting or ejecting
- [wordnet.princeton.edu/perl/webwn?](#)
- Projection was the ultimate goal of Western alchemy. Once a philosopher's stone (or powder of projection) had been created, one would use the process of Projection to transmute a "lesser" substance into a "higher" form, often Lead into Gold.  
[en.wikipedia.org/wiki/Projection\\_\(alchemy\)](#)
- In mathematics, a projection is any one of several different types of functions, mappings, operations, or transformations, for example, the following:
  - In set theory, an operation typified by the  $j$ th projection map, written  $\text{proj}_j$ , that takes an element  $x = (x_1, \dots, x_j, \dots, x_n)$  and returns  $x_j$ .  
[en.wikipedia.org/wiki/Projection\\_\(set\\_theory\)](#)
  - In linear algebra and functional analysis, a projection is a linear transformation  $P$  from a vector space to itself such that  $P^2 = P$ . Projections map the whole vector space to a subspace and leave the points in that subspace unchanged.  
[en.wikipedia.org/wiki/Projection\\_\(linear\\_algebra\)](#)

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Definitions of **unit** on the Web:

- unit of measurement: any division of quantity accepted as a standard of measurement or exchange: "the dollar is the United States unit of currency ..."
- an individual or group or structure or other entity regarded as a structural or functional constituent of a whole: "he reduced the number of units and installations"; "the word is a basic linguistic unit"
- an organization regarded as part of a larger social group: "the coach said the offensive unit did a good job"; "after the battle the soldier had trouble rejoining his unit"
- a single undivided whole: "an idea is not a unit that can be moved from one brain to another"
- a single undivided natural thing occurring in the composition of something else; "units of nucleic acids"
- whole: an assemblage of parts that is regarded as a single entity: "how big is that part compared to the whole?"; "the team is a unit"  
[www.britannica.com/EBchecked/topic/183819/unit](#)
- Unit is the second full-length album by Regurgitator, released in November, 1997. Its style is a mixture of 1980's style synthesized pop music and alternative rock, with some hip-hop influences. ...  
[en.wikipedia.org/wiki/Unit\\_\(Regurgitator\\_album\)](#)
- In mathematics, a unit in a (unital) ring  $R$  is an invertible element of  $R$ , i.e. an element  $u$  such that there is a  $v$  in  $R$  with  
[en.wikipedia.org/wiki/Unit\\_\(ring\\_theory\)](#)
- Measurement is the estimation of a physical quantity such as length, temperature, or time. Measurements find the ratio of some physical quantity to a standard quantity of the same type, thus a measurement of length is the ratio of a physical length to some standard length, such as a standard ...  
[en.wikipedia.org/wiki/Unit\\_\(measurement\)](#)
- A accepted quantity used as a standard of measurement. For example, the meter, liter and gram.  
[64.177.90.211/search?view=classic&id=167946](#)
- The premises rented under one tenancy agreement, usually an apartment within a complex with a group of units (apartment buildings, condominiums, townhouse complexes, etc.).  
[www.dalecarlson.com/dictionary.php](#)

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